



## VLTR.EX1130 Accessories for Special Systems

Page Bottom

### Accessories for Special Systems

[See General Information for Accessories for Special Systems](#)

#### VIKING CORP

EX1130

210 N INDUSTRIAL PARK RD  
HASTINGS, MI 49058 USA

Valve tripping equipment and accessories for "Viking" water supply control valves.

**Thermostatic (combined rate-of-rise and fixed temperature):** Thermostatic releases, Models C-1, C-2, releasing air or water under pressure from the pilot line. Maximum smooth ceiling spacing, 50 by 50 ft. For Model C-1. Model C-2 with spacing of 40 ft by 40 ft.

**Thermostatic (fixed temperature):** Pilot line equipped with Listed "Viking" automatic sprinklers opening of which bleeds pressure (air or water) from line.

**Thermostatic fixed temperature release:** Model M, glass bulb type; 135, 155, 175, 200, 286 F temperature ratings, for use on sprinkler system pilot lines for system pressures up to 250 psig. Upon activation the fixed temperature release bleeds pressure (air or water) from pilot line. Maximum smooth ceiling spacing, 20 by 20 ft for 155, 200, 286 F temperature ratings and 40 by 40 ft for 135 and 175 F temperature ratings. The spacings specified are for flat, smooth ceiling construction of ordinary height, generally regarded as the most favorable condition for distribution of heated air currents resulting from a fire. Under other forms of ceiling construction reduced spacing may be required. The fire tests conducted to determine the suitability of the spacings are conducted in a 60 by 60 ft room having a 15 ft 9 in. high smooth ceiling and minimum air movement. The test fire (denatured alcohol) is located approximately 3 ft above the floor and of a magnitude so that sprinkler operation is obtained in approximately two minutes.

For comparative purposes, automatic sprinklers rated 160 F are installed on a 10 by 10 ft spacing schedule in an upright position with the deflectors approximately 7 in. below the ceiling. At the maximum permissible spacing for the heat detectors they must operate prior to operation of the sprinklers. The placement and spacing of the fixed temperature releases should be based on consideration of the ceiling construction, ceiling height, room or space areas, spaced sub-divisions, the normal room temperature, possible exposure of the devices to abnormal heat such as may be produced by manufacturing processes or equipment and to draft conditions likely to be encountered at the time of a fire.

**Electric:** Magnetically operated switches (industrial control) electrically operated actuating valves, Viking Part Nos. 07831, 07832, 07833, 11601, 11602, 13843, 13844, 11591NC, 11592NC, 11593NC, 1159YNC, 11595NO, 11596NO, to release air or water under pressure from pilot line. Valve circuit energized by connection to Listed electric type fire detectors, thermostats for releasing device service, or Viking releasing device control panel.

**For wet pilot line having water under pressure:** Viking Model C-1 pressure-operated relief valve, for use with Viking special system water control valves as indicated in the installation instructions for each type valve and when thermostatically operated tripping mechanism is employed. Maximum operating service pressure 250 psig.

**Pneumatic actuators,** Models H-1, R-1 for use with Viking special system water control valves as indicated in the individual Listings and manufacturer's installation instructions for each type valve.

**Pressure operated relief valves,** Models D-1 and D-2 for use with Viking special system water control valves as indicated in the individual Listings and manufacturer's installation instructions for each type of valve. Maximum operating service pressure 250 psig.

**Prime shut-off valves,** Models A-1, A-2 for use with Viking special system water control valves as indicated in the individual Listings and manufacturer's installation instructions for each type valve.

**For pressure regulating valve trim:** Viking Model C-2 pilot pressure regulating valve, for use in Viking Model H-1 and H-2 deluge valve pressure regulating trim assemblies, Part Nos. 09065, 09066, 09067, 09068 only.

**Heat detector assembly for releasing device service:** Firecycle Model B (Viking Part Nos. 04711A, 04717A, 04718A, 04719A, 08288, 08289, 08290, 08291) rate compensation type fixed temperature normally closed circuit contact detector in the 140, 160, 190, 225 F temperature ratings. For indoor use only. For use in extra hazards applications with Listed (HNIR) Firecycle detector cable (Viking Part No. 04632-A) or other Listed 30 min fire rated, power limited cable; Viking Part No. 09954 or 11988 or other Listed 2 hour fire rated, power limited cable in the detection section of Listed (VLLA) Firecycle III- Special System Water Control Valve- Flow Cycling Assemblies. Upon activation the detector contacts open and provide the electrical detection signal to the flow cycling assembly releasing device panel. The detector assembly is to be located and mounted in accordance with NFPA 72, Chapter 5, local codes and the manufacturer's installation instructions with a maximum smooth ceiling spacing of 40 by 40 ft. for the 140 F temperature rating and 25 by 25 ft. for the 160, 190 and 225 F temperature ratings with the distance of the detector assembly from any walls or partition not more than 20 ft. for the 140 F and 12.5 ft. for the 160, 190 and 225 F temperature ratings.

**Heat detector assembly for releasing device service:** Firecycle III-OH Model C (Viking Part Nos. 11723, 11724, 11725, 11726, 11727, 11728, 11729, 11730) rate compensation type fixed temperature normally closed circuit contact detector in the 140, 160, 190, 225 F temperature ratings. For indoor use only. For use in ordinary and light hazard applications with Listed (HNIR) Firecycle detector cable (Viking Part Nos. 04632-A) or other Listed 30 min. fire rated, power limited cable, Viking Part Nos. 099954 or 11988 or other Listed 2 hour fire rated, power limited cable in the detection section of Listed (VLLA) Firecycle III- Special System Water Control Valve- Flow Cycling Assemblies. Upon activation the detector contacts open and provide the electrical detection signal to the flow cycling assembly releasing device panel. The detector assembly is to be located and mounted in accordance with NFPA 72, Chapter 5, local codes and the manufacturer's installation instructions with a maximum smooth ceiling spacing of 40 by 40 ft. for the 140 F temperature rating and 25 by 25 ft. for the 160, 190 and 225 F temperature ratings with the distance of the detector assembly from any walls or partition not more than 20 ft. for the 140 F and 12.5 ft. for the 160, 190 and 225 F temperature ratings.

**Manual emergency stations,** Viking Models C-1, C-2, C-3. An emergency station connected to the pilot line of a deluge valve in order to provide a remote manual means of releasing pressure from the line, thereby tripping the deluge valve.

**Trimpac for special system water control valves, deluge type** , Models A-1, A-1B, A-2, A-2B, A-3, A-3B, A-4, A-4B, A-8, A-8B, A-9, A-9B, A-10, A-10B, D-1 and D-1B for use only with Viking's special system water control valves, deluge type Models E-1 and E-2 sizes 2, 3, 4, and 6 inches, E-3 and E-4 size 1 ½ in. and F-1 and F-2 sizes 1 ½, 2, 2 ½, 3, 4, 6 and 8 inches rated for 250 psi.

Models B-1, B-1B, B-2, B-2B, B-3, B-3B, B-4, B-4B, B-8, B-8B, B-9, B-9B, B-10 and B-10B for use only with Viking's special system water control valves, deluge type Models E-1, E-2, H-1 and H-2 sizes 2, 3, 4 and 6 inches, E-3, E-4, H-3 and H-4 size 1 ½ in. and F-1, F-2 J-1 and J-2 sizes 1 ½, 2, 2 ½, 3, 4, 6 and 8 inches rated 250 psi.

Models C-1 and C-1B for use only with Viking's special system water control valves, deluge type Models H-1 and H-2 sizes 2, 3, 4 and 6 inches, H-3 and H-4 size 1 ½ in. and J-1 and J-2 sizes 1 ½, 2, 2 ½, 3, 4, 6 and 8 rated for 250 psi.

Viking drain trim and hoses - Part Numbers 11894, 11895 and 12071.

**Trimpac for special system water control valves, double interlock type** , Models A-5, A-5B, A-6, A-6B, A-7, A-7B, D-2 and D-2B for use only with Viking's special system water control valves, deluge type Models E-1 and E-2 sizes 2, 3, 4 and 6 inches, E-3 and E-4 size 1 ½ in., F-1 and F-2 sizes 1 ½, 2, 2 ½, 3, 4, 6, and 8 inches rated for 250 psi.

Viking drain trim and hoses - Part Numbers 11894, 11895 and 12071.

Models B-5, B-5B, B-6, B-6B, B-7 and B-7B for use only with Viking's special system water control valves, deluge type Models E-1, E-2, H-1 and H-2 sizes 2, 3, 4 and 6 inches, E-3, E-4, H-3 and H-4 size 1 ½ in. and F-1, F-2, J-1 and J-2 sizes 1 ½, 2, 2 ½, 3, 4, 6 and 8 inches rated for 250 psi.

**Trimpac for special system water control valves, flow cycling assemblies** , Models E-1, E-1B, E-2, E-2B, E-3 and E-3B for use with Viking's special system water control valves, deluge type Model H-1 and H-2 sizes 2, 3, 4 and 6 inches, H-3 and H-4 size 1 ½ in., J-1 and J-2 sizes 1 ½, 2, 2 ½, 3, 4 and 6, H-3 and H-4 size 1 ½ in., J-1 and J-2 sizes 1 ½, 2, 2 ½, 3, 4, 6 and 8 rated for 250 psi.

Viking drain trim and hoses - Part Numbers 11894, 11895, 12071 and 12961.

**Anti-Column Device** , LD-1 for use with listed Viking Dry Pipe and Preaction Valves.

Authorities having jurisdiction should be consulted before installation.

Trademark and/or Tradename: "VK"

Last Updated on 2008-06-05

[Questions?](#)

[Notice of Disclaimer](#)

[Page Top](#)

Copyright © 2008 Underwriters Laboratories Inc.®

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2008 Underwriters Laboratories Inc.®"

An independent organization working for a safer world with integrity, precision and knowledge.

